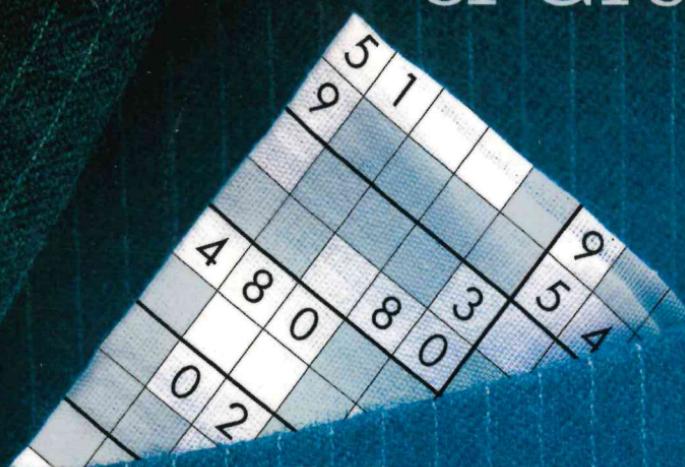


# Fifty Squares of Grey



THE  
SPANKING-NEW  
SUDOKU VARIANT

Brainfreeze Puzzles,  
Philip Riley & Laura Taalman

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# Introduction

This is a book of sudoku variants, perfect for anyone who finds regular sudoku just a little too . . . *vanilla* for their tastes. The first thing you'll notice about these puzzles is that they're a little more imposing than usual, featuring not  $9\times 9$  but  $10\times 10$  grids, which contain the digits 0–9. The regions consist of ten  $2\times 5$  rectangles and 50 grey squares that determine five additional regions. This sudoku variant's rules, which you must obey without question, are:

- Each row and column must contain the digits 0–9 exactly once
- Each  $2\times 5$  rectangle must contain 0–9 exactly once
- Each grey shaded region must contain 0–9 exactly once

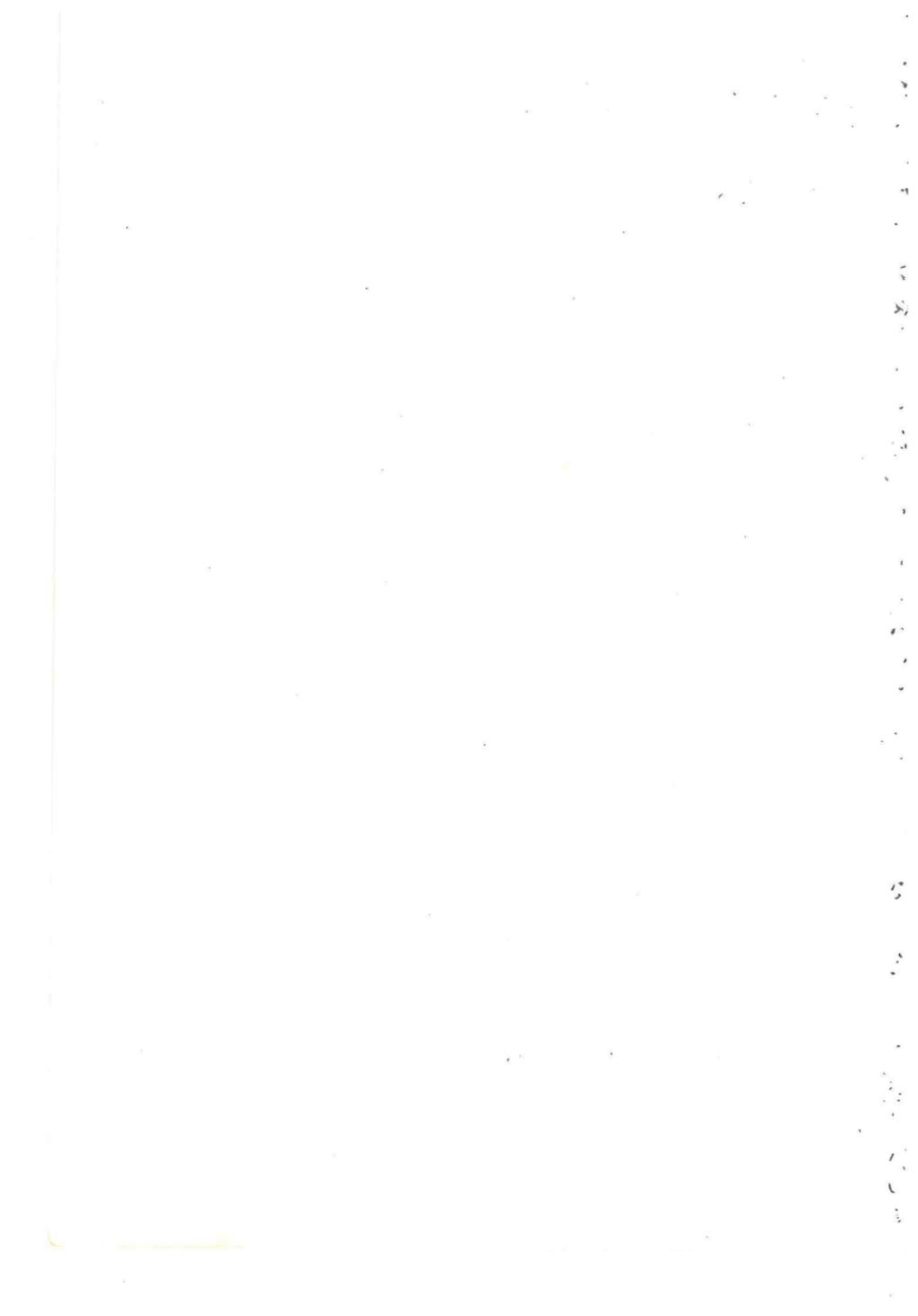
The shaded squares that make up the grey regions may be connected orthogonally or diagonally, and no regions touch any other regions at all. The demanding part is figuring out how to take full advantage of the grey regions to help you solve. If you find that these puzzles really have you whipped, remember the strict rule that each grey region has each digit in it only one time.

There are 75 puzzles in this book, 25 each of three increasing levels of difficulty, indicated by illustrations at the bottom of each page. The puzzles start out somewhat sadistic (accompanied by a necktie), become comparatively cruel (sporting a mask), and end up positively punishing (with handcuffs). Good luck!

—Philip Riley and Laura Taalman  
Brainfreeze Puzzles

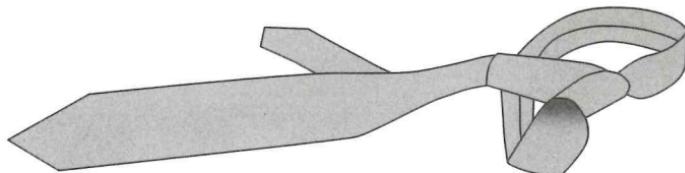
## About the Authors

Philip Riley is a software developer at Rosetta Stone and Laura Taalman is a mathematics professor at James Madison University in Harrisonburg, Virginia, where they live with their 8-year-old son, Calvin, and their cat, Blue (who is actually grey).



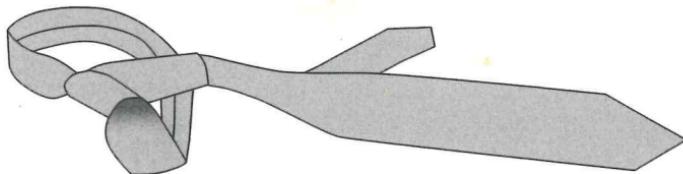
# Puzzle 1

5	1	47	24	24	9			
9					5	4	1	72
		1		3		5	7	
			8	0	3	69	2	1
4	8	0	19	7				
			6			4	9	1
0	2		45	7	6	1		
1	6	3	9	45	4			
			3	1				8
			8			6	3	7



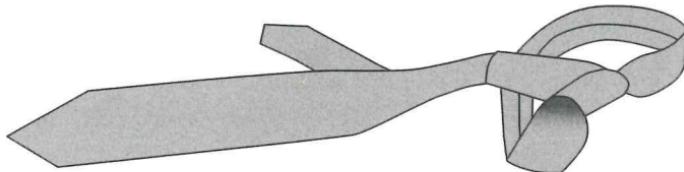
## Puzzle 2

034	02	023	8	03	03	2	1	13	6
579	49	59		45	59	45	79	17	
1	24	23	7	34	3	23	8	5	0
69	9			68	89	41	9		
8	7	0	1	2	5	6	4	9	3
34	5	6	34	33	1	7	2	0	8
79			9	4					
0	06		4	2	0	7	3	8	9
5	7			56					
39	8	17	3	7	6	5	0	4	2
4	24	25	4	9	0	1	3	8	5
7	6	7	6						
35	1	8	0	35	4	9	6	2	7
2	3	6	6	7	9	0	5	7	4
6	4	5	5	14	23	8	25	3	6
9	9	9	5	5	59	79	79	3	6



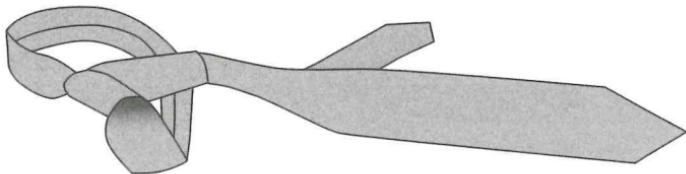
# Puzzle 3

3	8	5	09	1	01	2	4	6	7
4	7	6	09	2	5	3	1	01	08
2	0	8	04	4	1	15	3	1	6
6	3	9	1	3	8	0	2	5	4
16	4	0	23	3	12	126	5	123	23
8			69	9	67	78	5	47	8
1	2	7	34	3	01	1	9	01	03
38			56	45	6	68	9	34	38
5	9	1	7	8	02	4	6	023	02
9	6	3	02	0	012	127	1	02	5
7	1	4	8	6	3	25	0	25	9
0	5	2	39	3	4	6	7	8	1



## Puzzle 4

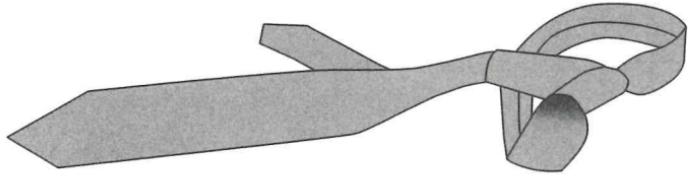
1	05	25	8	3	6	4	02	25	0
9	79						79	79	79
0	04	346	4	2	5	78	037	137	01
7	69	79	67				89	89	9
23	25	23	35	0	1	27	246	247	5
6	68	56	6			8	789	89	69
4	25	12	9	7	0	25	2	25	3
	68	56				68	68	8	
6	3	8	2	5	7	9	1	0	4
9	7	0	1	4	8	3	5	6	2
5	14	134	34	6	2	0	47	14	8
	6	17	7				9	79	
02	012	12	47	9	3	56	46	14	15
78	48	47				7	7	57	6
23	25	235	35	1	4	256	023	235	05
7	69	67	67				8	8	6
23	045	234	0	8	9	1	23	23	7
	69	569					0	5	



I did it in  
Halifax lol!! 06-18-15

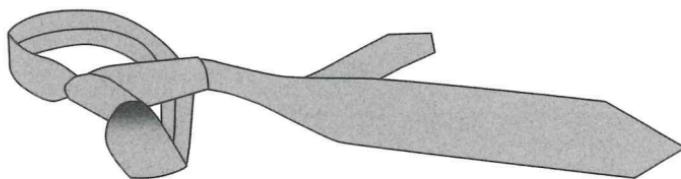
## Puzzle 5

						3	2		
	9	1						6	
8	5	2	6	9					
4	1	7	3	0	5	8	9	2	6
	6	3		8		5	7		
		4	5				8	0	
		9	8	3	0	6	4	1	5
					8	7	2	3	9
		5				1	1	6	
			9	1					



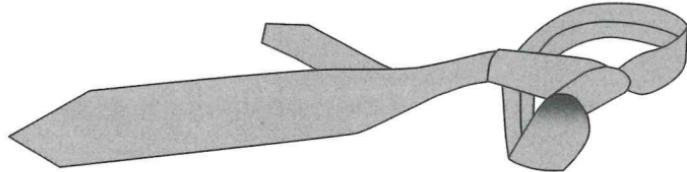
## Puzzle 6

6	01	02	01	02	7	5	9	8	4
5	7	4	9	8	16	16	3	2	0
19	4	27	14	5	3			0	
					2	4		7	
		1	8			0			
		2				3	7		
3		6	9						
2			1	0					
8	6				4	7		9	
9		5	7						3



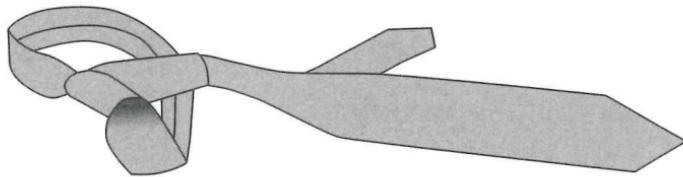
## Puzzle 7

			2			1		
	8				4	6		3
0	6		8		9		1	
9			4	1				8
		8	5			3		9
7		4			2	6		
5					0	8		6
		0		8			1	5
2			9	4			7	
			0			9		

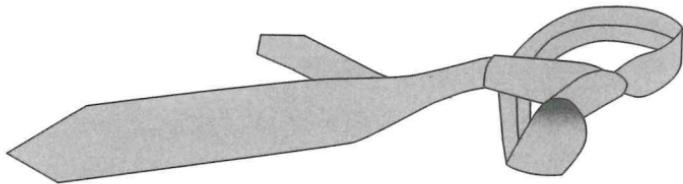
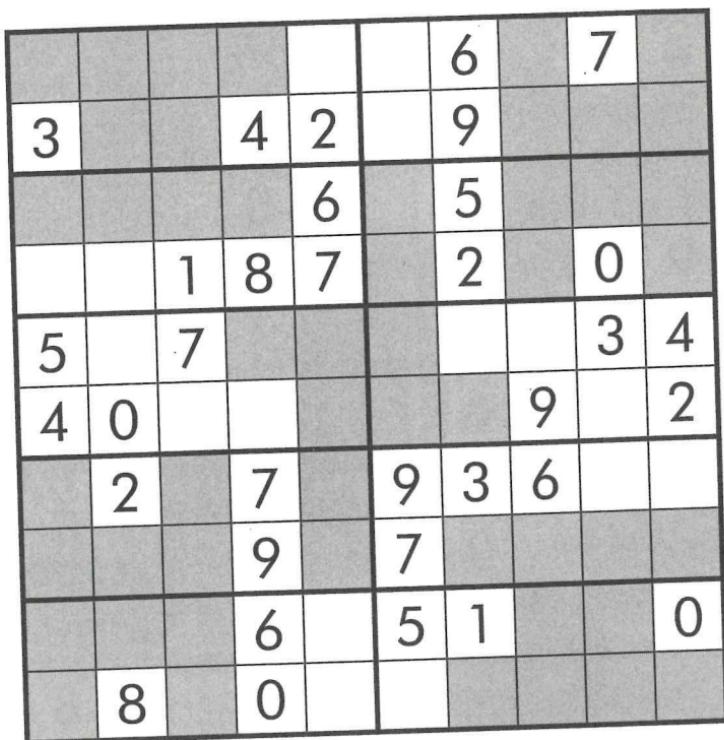


## Puzzle 8

								9	2
6	7				5	1			0
7	5	9			1	0			
		3	0			7	5		
								8	
		4							
		0	4			9	7		
			8	7			3	4	6
8			2	6				5	1
4	3								

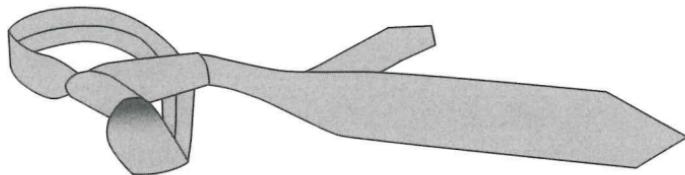


## Puzzle 9



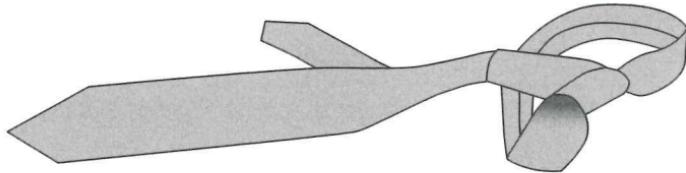
## Puzzle 10

4	6		9	7				
			1	0		4		
						0		
9			8				1	6
3			2			6	7	4
	0	5	6			9		3
	1	4				8		2
			0					
			3		2	1		
					6	5	0	8



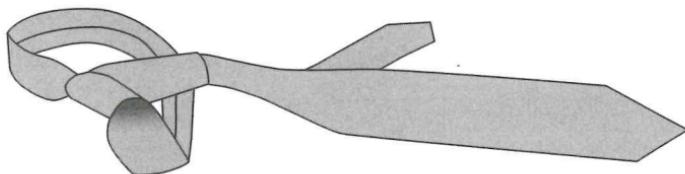
## Puzzle 11

						1		8
		7	4		9	2		
	6			9				
	4			7	3			6
		9	8		1	6		3
	0		3	2		8	5	
	5			8	0			7
					8			5
			7	6		4	3	
	2		1					



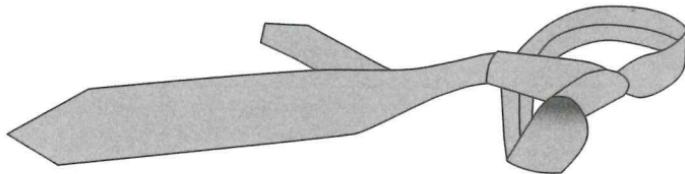
## Puzzle 12

5			8	1				
0					5	8		
			7		0	3		
9			3				4	6
6			4				5	8
3	7				4			2
8	1				0			6
			0	2		5		
			6	7				0
					4	2		7



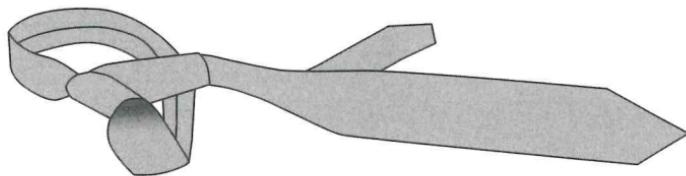
## Puzzle 13

0		4			2			
	1				0	6		
8				1	3			
			4	2				9
		3	0			9	6	
	5	7				8	0	
	8				9	1		
				7	6			3
			2	4			5	
				9			2	4



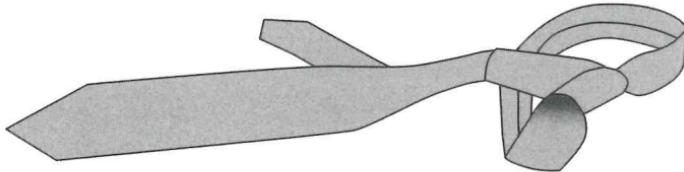
## Puzzle 14

				2	3	4		5	
5						7			
				6					
0	7		3	9		6			
6						5	1		8
7		1	0						9
			8		1	9		7	3
					5				
			4						2
2			9	7	4				



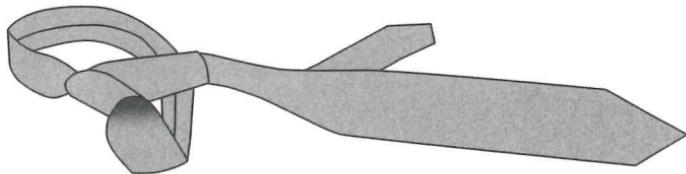
## Puzzle 15

					6	1		8	0
		8		9	3				7
	6	9			4				
			7			5			2
	0			1			8		
		6			0			4	
2			9			4			
				6			3	9	
1				7	8		5		
4	5		8	0					



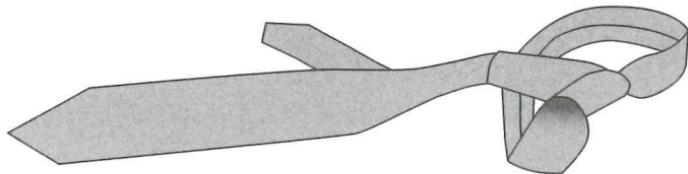
## Puzzle 16

0						4		5	8
5		6	4	8					
		8		0					
7		3					6	0	1
					4		9		2
9		1		6					
2	7	0					5		4
					1		0		
					5	3	8		6
3	6		8						7



## Puzzle 17

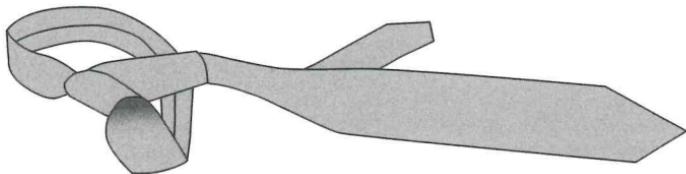
								3	
			4	9	7		6		0
6		5		8	1				
	0				6	2			
7	3					5	2		
	6	9					7	8	
			1	4				0	
				0	3		9		7
8		0		2	5	7			
	6								



Don't eat Cheerios, guys! Eat ~~5Km~~  
Norton's donuts!

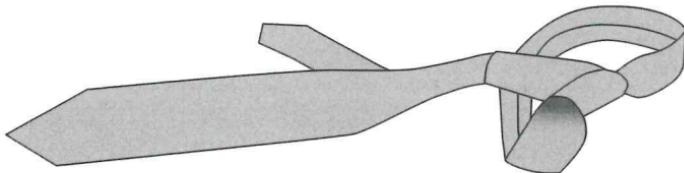
## Puzzle 18

267	4	02	26	256	023	035	07	1	023
89		57	79	89	79	89			57
0	3							6	8
		1	5	0	8	6	2		
		8			5		1		
		9				2	3		
		6	3				4		
		4		7			9		
		3	8	1	6	7	5		
5	6							3	9
	1							0	



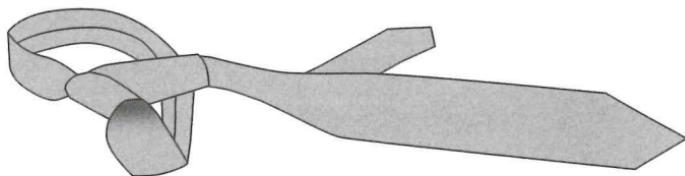
## Puzzle 19

2	03 5	01 3	13 5	6	8	17 9	135 79	01 57	4
01 48	03 58	01 34	9	7	01 25	6	13 5	01 55	02 35
46 9	25 79	246 79	0	24 59	124 57	3	145 678	145 678	56
46	1	8	34 56				0	9	
7				1			2	8	
5	4				3				7
	6	5					2	3	
			2			5			
			7		9	0			
3				8	6				1



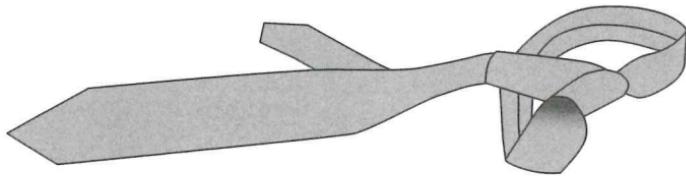
## Puzzle 20

5	3					9		6
6				9				0
				2		8		4
	8		0			5		1
	9		6			0		
			5			2		7
0			3			4		5
1			4		0			
4					7			2
7		1					8	3



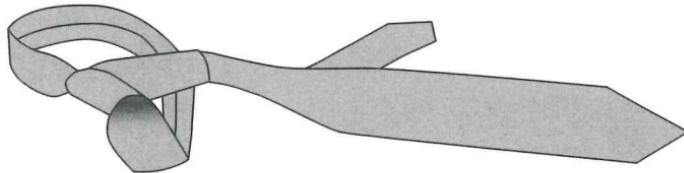
## Puzzle 21

	7		3	1			8	5
			8					
				5	0	3	1	9
	9						7	
1			4			9	6	
		6	5			1		0
		2						3
4		3	9	8	2			
						0		
5	4				9	7		6



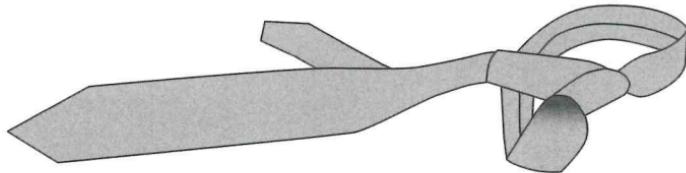
## Puzzle 22

8				1	9			
0					5	8		
			7			4	0	
			4				3	2
5			0				9	2
4	1					6		7
	5	7				0		
		9	6			3		
			1	2				6
			0	8				1



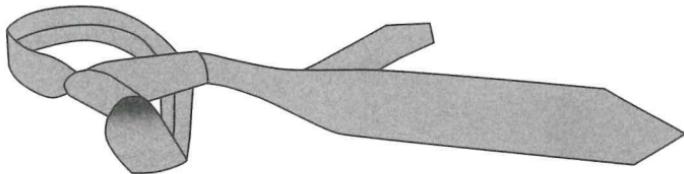
## Puzzle 23

236	237	36	23	27	612	12	01	
789	84	7	8	79	41	4	28	
83	0	4	1	5	38	9	7	6
012	123	02		6	8	3		
4579	479	57						
						4	8	
5	9	4				2	0	
	2	0				7	3	4
	1	5						
					2	0		
6	8	9			7	1	5	3
			7					



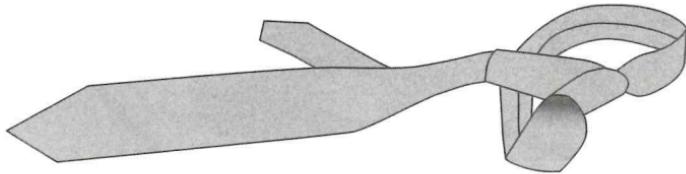
## Puzzle 24

			8				6	5	1
			4						8
	5		4	9	7				2
						1			0
7	6	0				3			
			2			8	0	7	
6			1						
9			5	3	6		1		
1						5			
2	0	4				6			



## Puzzle 25

	7						4	3
9								
2			0	8	5			
		9	3		2	1	7	
	3	2					0	
		4					8	9
		8	2	1		9	5	
			7	6	3			8
							5	
4	0						1	



## Puzzle 26

7				1	6	8	3	
					4			
			2	9	5	3		
8								
9	6	0			5	4		
	8	4			0	1	7	
							2	
			9	3	1	7		
				0				
	6	3	2	8				5



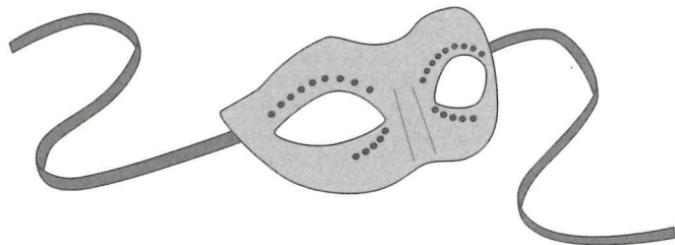
## Puzzle 27

			4	9							7
3						9	2				
2						0	4				
									8	5	
	4	8				5		2	1		
	1	0		9				4	6		
	7	9									
			3	8						4	
			1	0						5	
6							8	9			



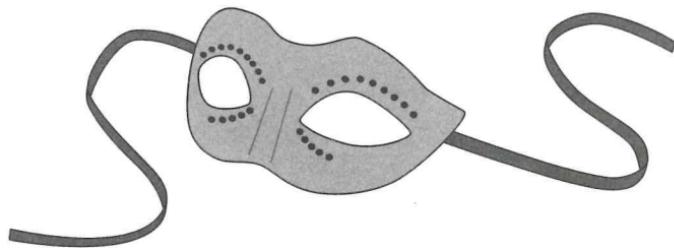
## Puzzle 28

	5	7						0
3			9				4	2
0			5	6			3	
	1				8	6		
		2				0		
			6				7	
			2	7				8
		0			9	7		6
5	2				3			8
6						4	5	



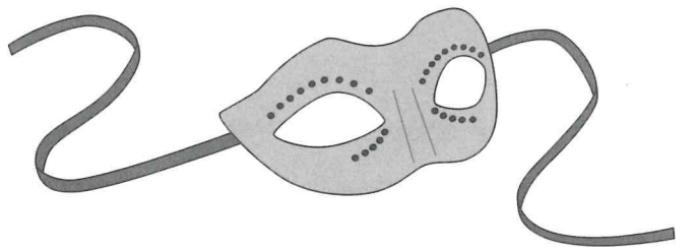
## Puzzle 29

	7	0		8	2			
1	9					6		
3				0			5	
			2	6				8
		9	1					5
8						9	4	
	2				8	1		
		6			0			2
			0				6	9
			7	5		0	4	



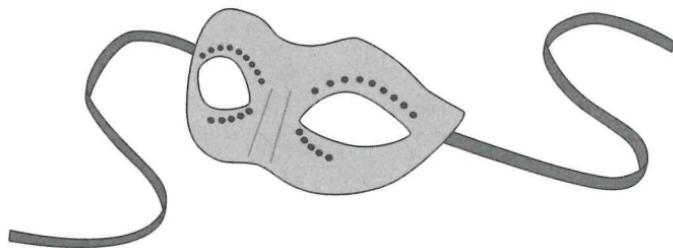
## Puzzle 30

7	1		2					
0	4				1			
			0	6	9			
8						2		
		5				1	8	
6	4					7		
	6							5
		7	9	2				
			4				2	9
					8		3	6



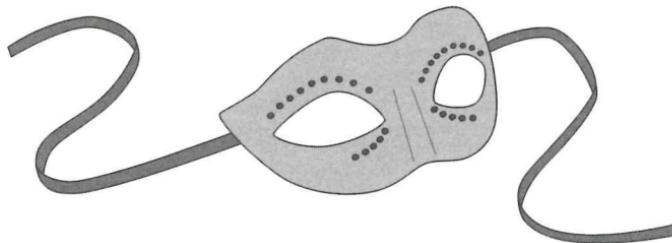
## Puzzle 31

						7		9	2
	7					5	3		8
2	6	3				8			
		9	0	8					
							1		4
8		0							
					2	4	0		
			4				5	7	6
5			6	7				3	
1	8		9						



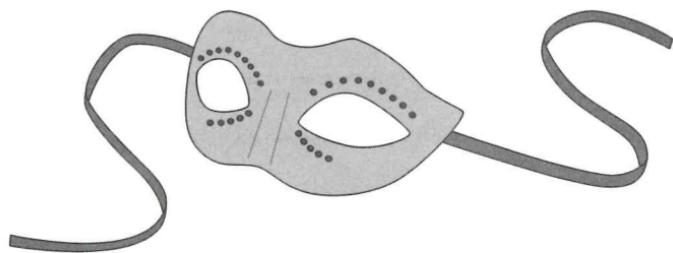
## Puzzle 32

					0	8	5	9
	0		8	2				
2		6	7				3	
					4			1
1	6					3	7	2
3	5	7				4	0	
7		2						
9			0	8			2	
			3	4		8		
6	4	8	5					



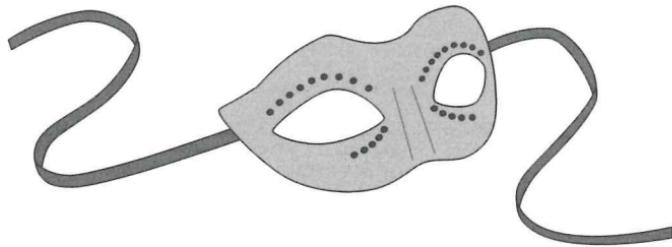
## Puzzle 33

						7	5	9	
2	5	0			3				
3				4					
			2	8	0				1
6	1			9			4	7	
2			7	8	1				
				4				6	
			3			9	1	8	
9	6	5							



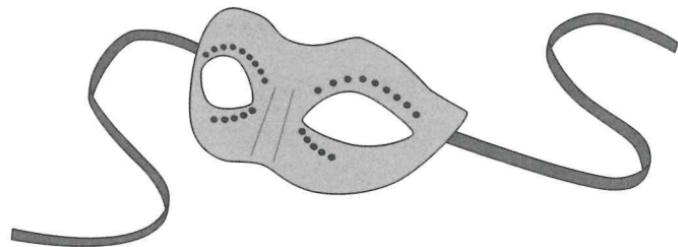
## Puzzle 34

		9						7
1		8	4				2	3
2	9	7			8		0	
	3				1	9		
				6				
			9					
		1	3				8	
	8		5		0		1	2
6	0				3	8		1
7						5		



## Puzzle 35

				5				2
		9	4	1				
	7	3			6			
	9				7	3		
	2			6		7	0	3
8		0	3		1			2
			2	8				6
				3			1	7
					9	8	5	
6				9				



## Puzzle 36

			5		8	4		
	6				7	5	2	
4	0							
8			7	3	0			1
			4					6
1					0			
7				2	5	3		9
							1	7
5	3	9					8	
		2	8		6			



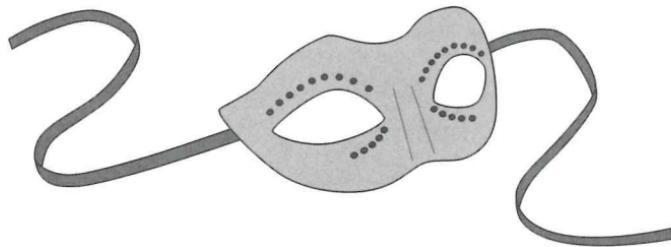
## Puzzle 37

			1	7			5	3
							7	
			4	8	3			9
		5				7		
	5		9			4		6
0			3			5	1	
			0				6	
1				6	2	0		
	7							
4		8			9	2		



## Puzzle 38

							1	7
		3					5	8
2	6	5		9				0
			8	1	5			
					3	1		
	1	9						
			4	3	7			
8				6			2	3
9	4						8	
7	3							



## Puzzle 39

				1	2	4		
6		3				5		
5		7	1			0		
3			0	4		2	7	
	0				8			
			7				3	
		0	9		5	6		3
		5			7	4		0
	1				8		9	
		8	9	3				



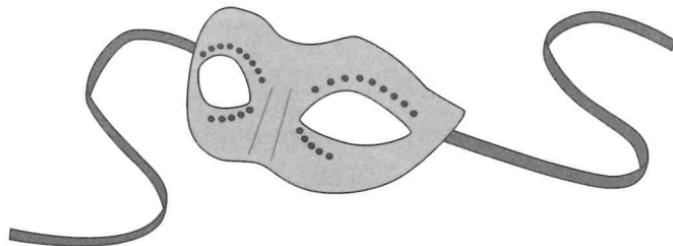
## Puzzle 40

	8				0	3	9		4
3				4	8				
			5	2					
	6	0	1			7			2
6	5								7
9								5	0
1			4			0	2	6	
					7	4			
				3	9				1
2	4	9	1					3	

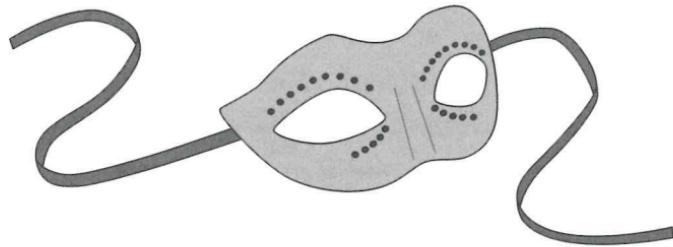
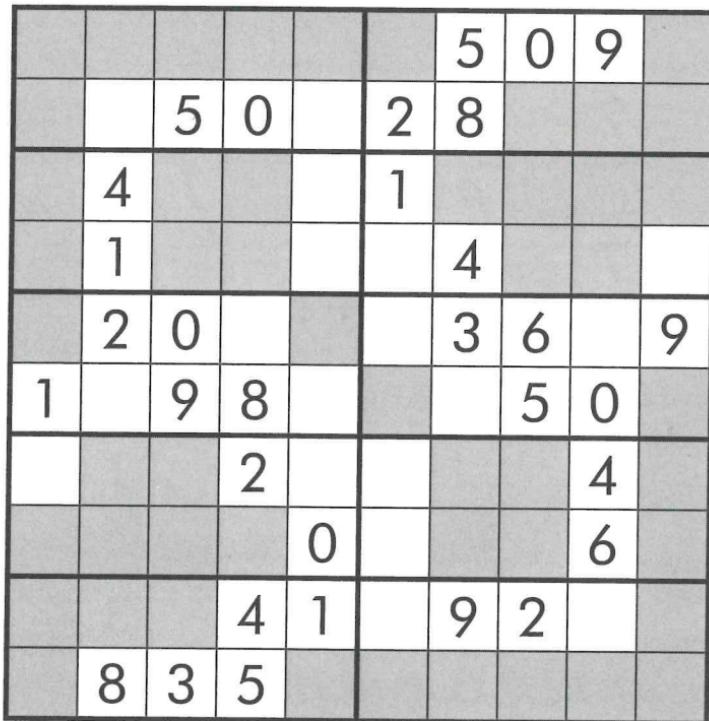


## Puzzle 41

					0			
2		6	5			8	4	
		4	8			7	2	
1	7							
		2	3		6	9		
		6	7		3	0		
							1	6
8	1			9	4			
4	8			0	7		3	
		0						



## Puzzle 42



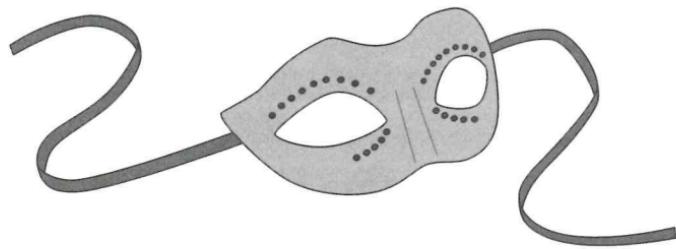
## Puzzle 43

	0						5	
8	3						9	4
	1	7	4	6			9	
		8			6	7		
		0				4		
			3				2	
			2	3			8	
		6			0	3	1	7
7	4						1	0
	9						8	



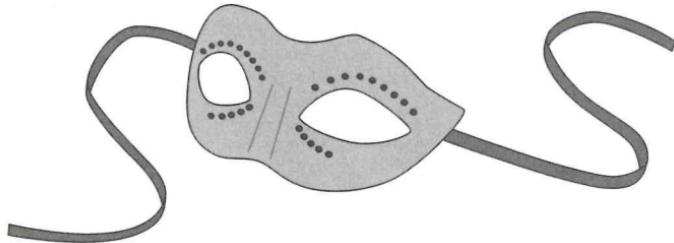
## Puzzle 44

					1	0	5		7
		7	4		9				
	8	5							3
				1	2	8			6
			0			7		1	2
2	6		1			4			
9			5	8	3				
6							9	8	
				3		5	4		
1		4	7	0					



## Puzzle 45

6		3	1			9		
		8						
					9	0		1
	0						8	2
4	7		0			6		
		3			9		5	7
5		7					6	
3			1	6				
		0			8			
					7	2		9



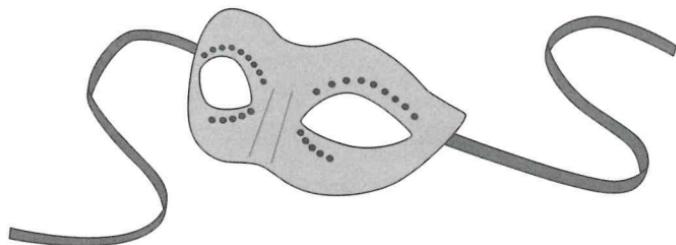
## Puzzle 46

					2			
	8				4	5	7	
	2				6	3		
	6	3	4	7	1			0
								4
0								
4				8	5	6	9	2
	2		9				3	
9	7		3				0	
			1					



## Puzzle 47

6				1				4
					0	3		
		0		7	5			
	5	3			6	8		
	9	4		3				2
2				1		9	0	
		8	9			7	2	
			2	6		9		
			3	5				
1					8			5



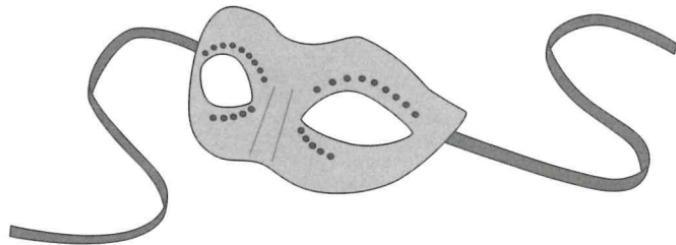
## Puzzle 48

	8	6	5						0
4					6				
2						7	8		
			7	0			5		
		7			1		6	9	
	4	1	9				3		
		5			2	8			
		2	8						9
				6					1
1					4	7	6		



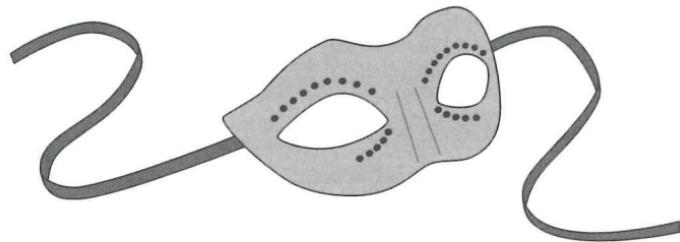
## Puzzle 49

							8	9		2
			3	6	0					
	5									1
1				4		7				5
9		4			0					
		5			6			1		
4			1		8				7	
7									6	
				8	9	3				
5	3	6								



## Puzzle 50

9	1						4	2	8
	2		4	5			6		
				1					
		4			0	6		5	
		2	5					0	
	7				2	9			
	8		7	3			0		
					9				
		7			2	0		3	
0	3	1					4	6	



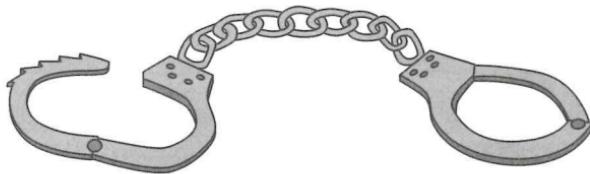
## Puzzle 51

					8			2	9
		2		6	4				0
				4	3				
	9					7			
	3	5		8			2	7	
	0	4			5		8	6	
			3					8	
					1	7			
8				7	2		3		
4	6			0					



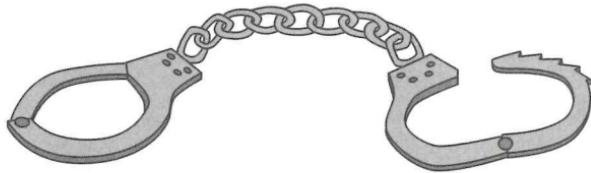
## Puzzle 52

1						6		2	
3		7		5					
			2	1		9		0	
		6		5				4	
		3		8		4			
		4	0			7			
2			3			6			
4	9		6	7					
			4		2		5		
	0	5						3	



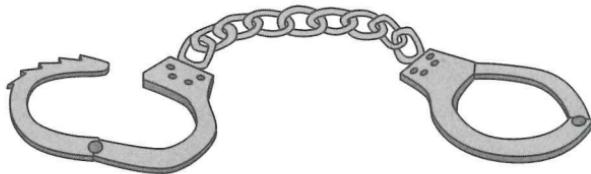
## Puzzle 53

				8				
		1	3	5				
			9		7			
0	2				8			
4	1	0			9	5	6	
	9	5	2			0	7	3
			8				4	5
		9		7				
				1	3	6		
				0				



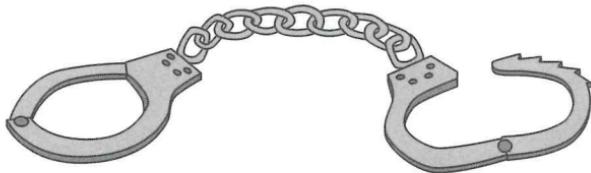
## Puzzle 54

0				5	9	2		
				0	1			
7				2		8		
1	4	6	9			7		
5						2		9
8		9					3	
		8			7	4	5	0
			0		8			3
			6	1				
			5	3	6			1



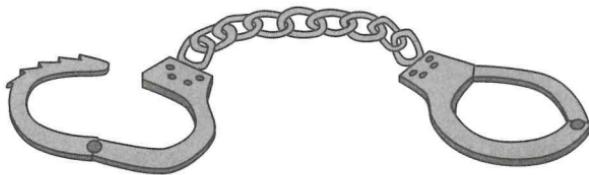
## Puzzle 55

2				8	7			
				3	9			
				6	2	1		
			5	7				
1	4	7	9			5	2	8
8	3	6				7	9	0
				6	1			
	5		1	0				
				4	5			
			2	8				7



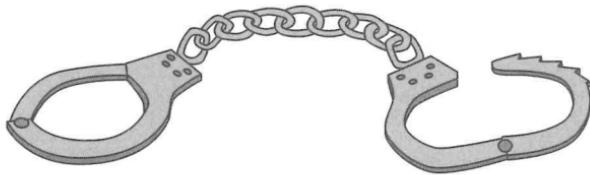
## Puzzle 56

						4			5
	0					7			1
4	7	6		3		1			
				0		3	9		
		2					1		
		8					7		
		3	4		7				
			1		5		8	3	4
3			5					7	
2			6						



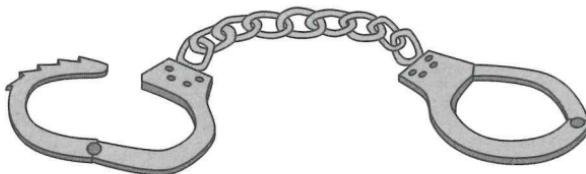
## Puzzle 57

				1	0	6			
7						9	2		
2									
			4	5	8	3			
	7	6					3	2	
	1	4					5	6	
			7	0	2	1			
								0	
	0	1							4
		6	8	3					



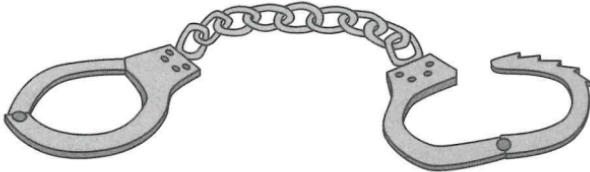
## Puzzle 58

		4	0		2			
1								
5				7		8	6	
2			8	6		3		0
	1	5						
						4	2	
4		5			1	3		9
		8	9		7			5
							4	
				3		7	5	



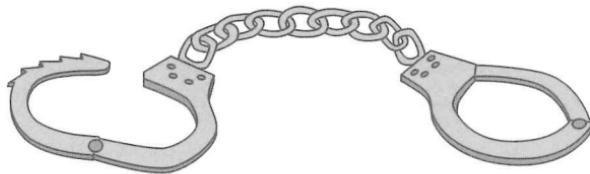
## Puzzle 59

	6		2	5	0			
					8	4		
						7	5	
7			5			3	9	
9							2	7
2	1							4
	5	0			6			3
	7	6						
		1	2					
		4	1	2			0	



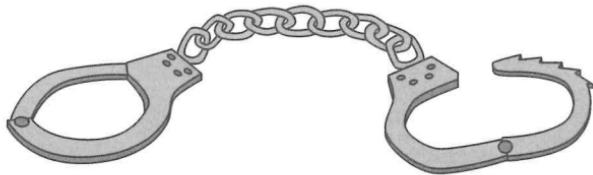
## Puzzle 60

3	8					2	7	
	0	5		4		1	6	
	6				0		9	
						4		
4						9		
		7						4
		1						
5			2			3		
1	4				9	6	8	
	8	0				3	7	



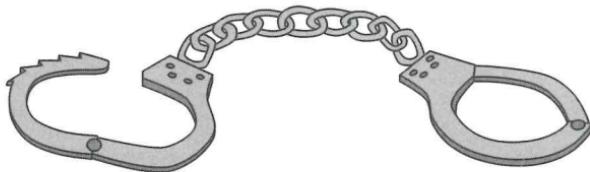
## Puzzle 61

3	2					4		
8					3	9		
					6			9
5	9	4						2
			2		8			3
1			6		0			
0					4	3	5	
7		8						
		5	2					6
		6					1	0



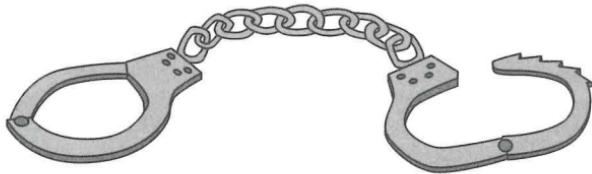
## Puzzle 62

5			1		6			
9					8	2		
			9					
0			4		7		9	
			6				2	3
8	1				0			
	6		5		4			1
					6			
			2	1				6
			3		8			0



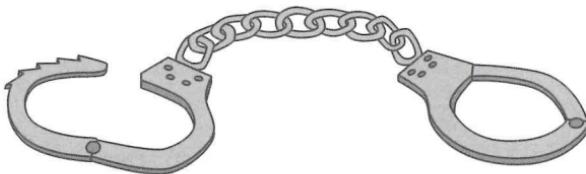
## Puzzle 63

	6				4			
2	4	9			3			
	9				0		7	
			7			1	2	6
						2		
		0						
3	0	6			4			
		5	9			6		
				1		8	3	0
				2			5	



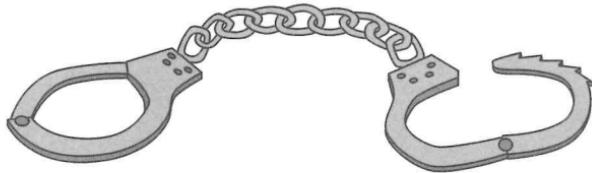
## Puzzle 64

	0	5			7			
2	1							
6					9	2	1	
			3	9			8	
		7	1			0		5
9		6			1	7		
		3			2	4		
		4	2	6				3
							7	2
				5			6	4



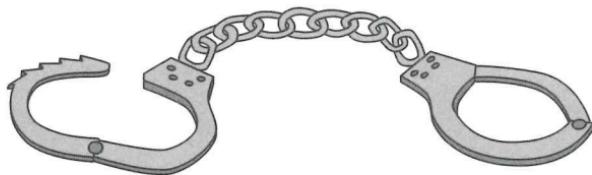
## Puzzle 65

			5	7				0	3
			2						7
		9	3		6	5			
	5	0				3			
	9				2		4	6	
2	4	6					9		
		7				6	5		
		9	5		7	4			
1					8				
3	7			0	1				



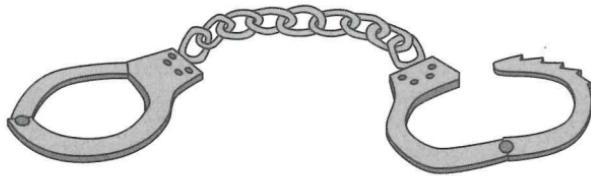
## Puzzle 66

6				5				1
			7	9		5		
				2		0		
3	0	1			2		9	
			6			2	4	0
1	4	8			9			
0		6			1	4	8	
		5		0				
			4		2	9		
2					7			3



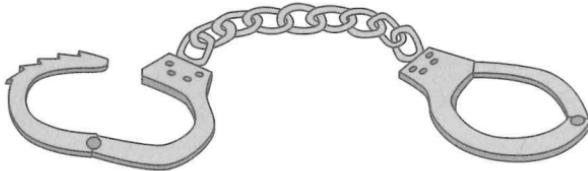
## Puzzle 67

	6			3	7			0
				7				
			2	4			1	
	5					8		9
2			4			8		7
1			0			6		5
8		9						1
		4			5	7		
0				1	4			6



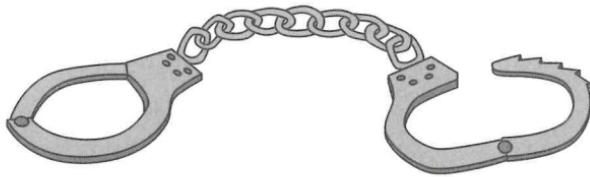
## Puzzle 68

						0		
5	2	8			3	9	6	
							2	
2	9	6	7	4	8			
8					9			
		6					1	
		2		9	7	6	3	8
6								
3	9	4			2	0	8	
		0						



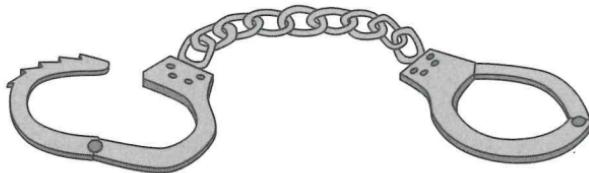
## Puzzle 69

2				3		7		
		6	8	1				
		4						6
						5	2	8
					3	0	9	
		9	7	8				
9	8	2						
4						6		
					8	2	0	
		1		9				4



## Puzzle 70

	0				7			
			9		0			
			7		6		8	
0			8				4	
1			4				5	7
6	2	5			1			0
		7			4			6
		8		4	0			
				2		8		
				3				2

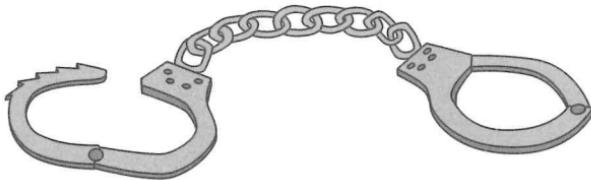
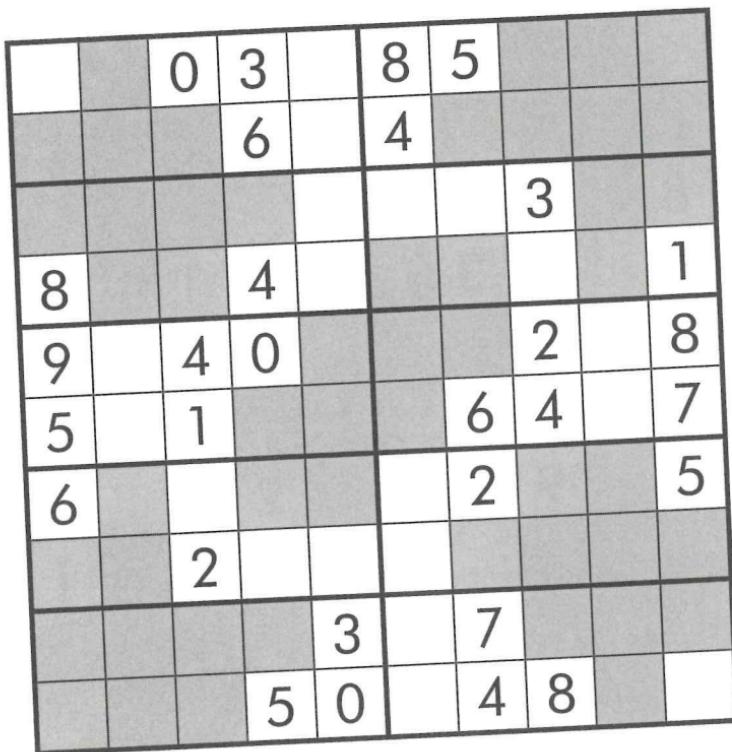


## Puzzle 71

						5	3	9
					1	7		
8				2	0			
		4	3				1	
	3	6				4		5
2			7				8	0
		9				2	7	
				3	6			1
			4	5				
6		7	8					



## Puzzle 72



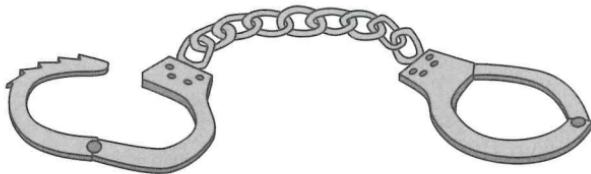
## Puzzle 73

	1					9		8
2				7	0			
0			5	9				
			8				5	
	6					3	8	
	4	8					2	
		6			3			
					5	2		0
			0	9				3
7		9					6	



## Puzzle 74

							5	1
			6	9	0	7		3
9	6			5				
	2					9		
						8	3	
		9	3					
			0				2	
					6		4	5
3	0		2	8	5	4		
6	9							



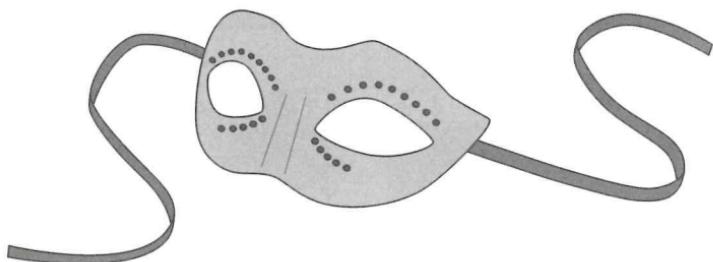
## Puzzle 75

6	1							7	8
5	9			4	0			2	3
		3		7	2				
							3	0	
							9	5	
		2	8						
		7	4						
				5	9		4		
7	2			8	6			4	1
0	3							9	5





# Answers



**Puzzle 1**

5	1	6	7	4	9	3	8	2	0
9	3	8	0	2	5	4	1	7	6
2	9	1	6	3	8	5	7	0	4
7	5	4	8	0	3	6	2	1	9
4	8	0	1	9	7	2	3	6	5
3	2	7	5	6	0	8	4	9	1
8	0	2	4	7	6	1	9	5	3
1	6	3	9	5	4	7	0	8	2
0	7	5	3	1	2	9	6	4	8
6	4	9	2	8	1	0	5	3	7

**Puzzle 2**

4	9	5	8	0	3	7	2	1	6
1	2	3	7	6	9	4	8	5	0
8	7	0	1	2	5	6	4	9	3
9	5	6	3	4	1	2	7	0	8
0	8	4	2	5	7	3	9	6	1
3	6	1	9	7	8	5	0	4	2
7	4	2	6	9	0	1	3	8	5
5	1	8	0	3	4	9	6	2	7
2	3	9	5	8	6	0	1	7	4
6	0	7	4	1	2	8	5	3	9

**Puzzle 3**

3	8	5	0	1	2	9	4	6	7
4	7	6	9	2	5	3	1	0	8
2	4	8	5	0	1	7	3	9	6
6	3	9	1	7	8	0	2	5	4
1	9	0	4	3	6	8	5	7	2
8	6	7	2	5	0	1	9	4	3
5	2	1	7	8	9	4	6	3	0
9	0	3	6	4	7	2	8	1	5
7	1	4	8	6	3	5	0	2	9
0	5	2	3	9	4	6	7	8	1

**Puzzle 4**

1	0	5	8	3	6	4	2	7	9
7	4	9	6	2	5	8	0	3	1
8	2	3	5	0	1	7	9	4	6
4	6	1	9	7	0	2	8	5	3
6	3	8	2	5	7	9	1	0	4
9	7	0	1	4	8	3	5	6	2
5	1	7	3	6	2	0	4	9	8
0	8	2	4	9	3	6	7	1	5
2	9	6	7	1	4	5	3	8	0
3	5	4	0	8	9	1	6	2	7

**Puzzle 5**

6	0	8	4	7	3	2	5	9	1
3	9	1	2	5	7	4	6	8	0
8	5	2	6	9	1	3	0	7	4
4	1	7	3	0	5	8	9	2	6
1	6	3	0	8	9	5	7	4	2
9	7	4	5	2	6	1	8	0	3
7	2	9	8	3	0	6	4	1	5
5	4	0	1	6	8	7	2	3	9
0	3	5	7	4	2	9	1	6	8
2	8	6	9	1	4	0	3	5	7

**Puzzle 6**

6	1	3	0	2	7	5	9	8	4
5	7	4	9	8	6	1	3	2	0
7	6	2	4	5	3	9	8	0	1
1	9	8	3	0	2	4	5	7	6
3	5	1	8	7	9	0	4	6	2
0	4	9	2	6	1	3	7	5	8
8	3	0	6	9	5	2	1	4	7
4	2	7	5	1	0	8	6	3	9
2	8	6	1	3	4	7	0	9	5
9	0	5	7	4	8	6	2	1	3

**Puzzle 7**

4	3	6	2	0	5	1	8	9	7
1	8	9	7	5	4	6	0	3	2
0	6	2	8	7	9	5	1	4	3
9	5	3	4	1	2	0	7	6	8
6	1	8	5	2	7	4	3	0	9
7	0	4	3	9	8	2	6	5	1
5	9	7	1	3	0	8	4	2	6
2	4	0	6	8	3	7	9	1	5
8	2	1	9	4	6	3	5	7	0
3	7	5	0	6	1	9	2	8	4

**Puzzle 8**

0	1	8	5	4	7	3	6	9	2
6	7	2	3	9	5	1	4	8	0
7	5	9	6	8	1	0	2	3	4
1	4	3	0	2	8	7	5	6	9
5	9	6	1	0	4	2	8	7	3
2	8	4	7	3	9	6	1	0	5
3	6	0	4	5	2	9	7	1	8
9	2	1	8	7	0	5	3	4	6
8	0	7	2	6	3	4	9	5	1
4	3	5	9	1	6	8	0	2	7

**Puzzle 9**

8	1	9	5	0	4	6	2	7	3
3	7	6	4	2	8	9	0	1	5
0	4	2	3	6	1	5	8	9	7
9	5	1	8	7	3	2	4	0	6
5	6	7	2	9	0	8	1	3	4
4	0	3	1	8	6	7	9	5	2
1	2	0	7	5	9	3	6	4	8
6	3	8	9	4	7	0	5	2	1
2	9	4	6	3	5	1	7	8	0
7	8	5	0	1	2	4	3	6	9

**Puzzle 10**

4	6	2	9	7	8	3	5	1	0
8	5	3	1	0	7	4	2	9	6
6	2	7	5	1	3	0	9	8	4
9	4	0	8	3	5	2	1	6	7
3	9	1	2	8	0	6	7	4	5
7	0	5	6	4	1	9	8	2	3
5	1	4	7	6	9	8	0	3	2
2	3	8	0	9	4	7	6	5	1
0	8	6	3	5	2	1	4	7	9
1	7	9	4	2	6	5	3	0	8

**Puzzle 11**

2	9	6	0	5	4	1	7	8	3
8	3	7	4	1	9	2	0	6	5
3	6	0	2	9	5	7	4	1	8
1	4	8	5	7	3	0	9	2	6
7	5	9	8	4	1	6	2	3	0
6	0	1	3	2	7	8	5	4	9
5	1	2	9	8	0	3	6	7	4
4	7	3	6	0	8	9	1	5	2
0	8	5	7	6	2	4	3	9	1
9	2	4	1	3	6	5	8	0	7

**Puzzle 12**

5	7	3	8	1	9	6	0	2	4
0	4	9	2	6	5	8	7	3	1
2	5	6	7	4	0	3	1	9	8
9	1	8	3	0	2	7	4	6	5
6	0	2	4	9	7	1	5	8	3
1	3	7	5	8	6	4	9	0	2
7	8	1	9	5	3	0	2	4	6
3	6	4	0	2	1	5	8	7	9
4	2	5	6	7	8	9	3	1	0
8	9	0	1	3	4	2	6	5	7

**Puzzle 13**

0	9	4	6	3	2	5	1	7	8
7	1	2	8	5	0	6	3	4	9
8	6	9	7	1	3	4	5	0	2
5	3	0	4	2	1	7	8	9	6
1	4	3	0	8	5	2	9	6	7
2	5	7	9	6	4	8	0	3	1
4	8	6	3	0	9	1	7	2	5
9	2	5	1	7	6	0	4	8	3
3	7	1	2	4	8	9	6	5	0
6	0	8	5	9	7	3	2	1	4

**Puzzle 14**

9	0	6	7	2	3	4	8	5	1
5	4	3	1	8	2	7	9	6	0
2	1	8	5	6	9	0	3	4	7
0	7	4	3	9	8	6	2	1	5
6	3	9	2	4	7	5	1	0	8
7	8	1	0	5	6	3	4	2	9
4	5	2	8	0	1	9	6	7	3
3	9	7	6	1	5	2	0	8	4
1	6	5	4	3	0	8	7	9	2
8	2	0	9	7	4	1	5	3	6

**Puzzle 15**

3	7	5	4	2	6	1	9	8	0
6	1	8	0	9	3	2	4	5	7
0	6	9	2	5	4	8	7	3	1
8	3	1	7	4	9	5	0	6	2
9	0	4	3	1	5	7	8	2	6
7	2	6	5	8	0	9	1	4	3
2	8	0	9	3	7	4	6	1	5
5	4	7	1	6	2	0	3	9	8
1	9	2	6	7	8	3	5	0	4
4	5	3	8	0	1	6	2	7	9

**Puzzle 16**

0	3	9	7	2	6	4	1	5	8
5	1	6	4	8	7	9	2	3	0
6	2	8	1	0	3	5	7	4	9
7	5	3	9	4	2	8	6	0	1
8	0	7	5	3	4	1	9	6	2
9	4	1	2	6	0	7	3	8	5
2	7	0	3	1	8	6	5	9	4
4	8	5	6	9	1	2	0	7	3
1	9	4	0	7	5	3	8	2	6
3	6	2	8	5	9	0	4	1	7

**Puzzle 17**

5	1	7	0	6	2	9	4	3	8
3	8	2	4	9	7	1	6	5	0
6	9	5	2	8	1	0	3	7	4
1	0	4	7	3	6	2	8	9	5
0	7	3	8	1	9	5	2	4	6
4	2	6	9	5	0	3	7	8	1
7	3	9	1	4	8	6	5	0	2
2	5	8	6	0	3	4	9	1	7
8	4	0	3	2	5	7	1	6	9
9	6	1	5	7	4	8	0	2	3

**Puzzle 18**

7	4	2	6	8	9	3	0	1	5
0	3	5	1	9	2	4	7	6	8
3	9	1	5	0	8	6	2	7	4
2	7	8	4	6	5	0	1	9	3
4	0	9	7	5	1	2	3	8	6
1	8	6	3	2	0	9	4	5	7
6	5	4	0	7	3	8	9	2	1
9	2	3	8	1	6	7	5	4	0
5	6	0	2	4	7	1	8	3	9
8	1	7	9	3	4	5	6	0	2

**Puzzle 19**

2	5	1	3	6	8	9	7	0	4
0	8	4	9	7	2	6	1	5	3
9	7	2	0	5	1	3	8	4	6
6	1	8	4	3	5	7	0	9	2
7	9	3	6	1	0	4	5	2	8
5	4	0	8	2	3	1	9	6	7
4	6	5	1	9	7	8	2	3	0
8	3	7	2	0	4	5	6	1	9
1	2	6	7	4	9	0	3	8	5
3	0	9	5	8	6	2	4	7	1

**Puzzle 20**

5	3	0	8	1	4	7	9	2	6
6	4	2	7	9	8	3	5	1	0
9	6	5	1	2	3	8	7	0	4
3	8	7	0	4	2	5	6	9	1
2	9	3	6	7	1	0	8	4	5
8	1	4	5	0	6	2	3	7	9
0	2	6	3	8	9	4	1	5	7
1	7	9	4	5	0	6	2	3	8
4	5	8	9	3	7	1	0	6	2
7	0	1	2	6	5	9	4	8	3

**Puzzle 21**

2	7	9	3	1	6	4	8	0	5
0	4	5	8	6	7	2	3	9	1
8	6	7	2	5	0	3	1	4	9
3	9	1	0	4	5	6	7	8	2
1	8	0	4	2	3	9	6	5	7
7	3	6	5	9	8	1	4	2	0
6	5	2	7	0	1	8	9	3	4
4	1	3	9	8	2	5	0	7	6
9	2	8	6	7	4	0	5	1	3
5	0	4	1	3	9	7	2	6	8

**Puzzle 22**

8	6	5	3	1	9	2	4	7	0
0	9	4	2	7	5	8	6	1	3
3	2	1	7	9	6	4	0	5	8
6	8	0	4	5	1	7	3	2	9
5	7	3	0	6	4	1	8	9	2
4	1	2	9	8	0	6	5	3	7
1	5	7	8	3	2	0	9	6	4
2	0	9	6	4	7	3	1	8	5
9	4	8	1	2	3	5	7	0	6
7	3	6	5	0	8	9	2	4	1

**Puzzle 23**

8	9	7	3	6	1	5	4	2	0
2	0	4	1	5	8	9	7	6	3
5	4	0	6	8	9	3	2	1	7
7	1	3	2	9	0	4	8	5	6
3	5	9	4	7	6	2	0	8	1
6	8	2	0	1	5	7	3	4	9
0	7	1	5	2	3	8	6	9	4
9	3	6	8	4	2	0	1	7	5
4	6	8	9	0	7	1	5	3	2
1	2	5	7	3	4	6	9	0	8

**Puzzle 24**

7	3	9	8	0	2	4	6	5	1
5	6	2	4	1	0	9	7	3	8
0	1	5	3	4	9	7	8	6	2
8	9	7	6	2	5	1	3	4	0
4	7	6	0	8	1	3	5	2	9
3	5	1	2	9	4	8	0	7	6
6	2	8	1	7	3	0	4	9	5
9	4	0	5	3	6	2	1	8	7
1	8	3	9	6	7	5	2	0	4
2	0	4	7	5	8	6	9	1	3

**Puzzle 25**

1	7	0	5	2	9	8	6	4	3
9	8	3	6	4	1	0	2	5	7
2	1	7	0	8	5	6	4	3	9
5	4	9	3	6	2	1	7	8	0
6	3	2	8	9	4	5	0	7	1
7	5	4	1	0	3	2	8	9	6
3	6	8	2	1	7	9	5	0	4
0	9	5	4	7	6	3	1	2	8
8	2	1	7	3	0	4	9	6	5
4	0	6	9	5	8	7	3	1	2

**Puzzle 26**

7	2	4	0	1	6	8	3	5	9
3	9	5	8	6	4	1	2	7	0
0	1	7	2	9	5	3	8	4	6
8	5	3	6	4	0	2	7	9	1
9	6	0	1	7	2	5	4	3	8
2	3	8	4	5	9	6	0	1	7
5	4	1	7	8	3	0	9	6	2
6	0	2	9	3	1	7	5	8	4
1	8	9	5	0	7	4	6	2	3
4	7	6	3	2	8	9	1	0	5

**Puzzle 27**

8	5	4	9	2	6	1	0	3	7
3	0	1	7	6	9	2	5	4	8
2	9	5	8	1	0	4	3	7	6
4	3	6	0	7	1	9	8	5	2
7	4	8	6	3	5	0	2	1	9
5	1	0	2	9	8	7	4	6	3
1	7	9	5	4	2	3	6	8	0
0	6	2	3	8	7	5	1	9	4
9	8	3	1	0	4	6	7	2	5
6	2	7	4	5	3	8	9	0	1

**Puzzle 28**

4	5	7	8	2	3	9	6	1	0
3	6	1	9	0	7	8	5	4	2
0	7	8	5	6	4	2	3	9	1
2	1	9	3	4	8	6	0	7	5
7	4	2	1	9	5	0	8	6	3
8	0	5	6	3	1	4	7	2	9
9	3	6	2	7	0	5	1	8	4
1	8	0	4	5	9	7	2	3	6
5	2	4	7	1	6	3	9	0	8
6	9	3	0	8	2	1	4	5	7

**Puzzle 29**

4	7	0	6	8	2	5	1	9	3
1	9	2	3	5	4	6	7	0	8
3	8	1	4	0	9	7	5	2	6
9	5	7	2	6	1	0	3	8	4
6	0	9	1	4	3	8	2	7	5
8	3	5	7	2	6	9	4	1	0
0	2	4	5	9	8	1	6	3	7
7	1	6	8	3	0	4	9	5	2
5	4	3	0	1	7	2	8	6	9
2	6	8	9	7	5	3	0	4	1

**Puzzle 30**

7	1	9	2	6	8	5	0	4	3
0	4	3	5	8	1	2	9	6	7
5	2	7	4	0	6	9	3	1	8
8	9	1	6	3	5	4	2	7	0
2	0	5	9	7	3	6	1	8	4
3	6	4	8	1	9	0	7	5	2
1	3	6	0	2	4	7	8	9	5
4	5	8	7	9	2	3	6	0	1
6	8	0	3	4	7	1	5	2	9
9	7	2	1	5	0	8	4	3	6

**Puzzle 31**

3	4	1	8	5	0	7	6	9	2
0	7	6	2	9	5	3	4	1	8
2	6	3	7	1	4	8	9	0	5
4	5	9	0	8	1	6	3	2	7
6	9	7	3	2	8	0	1	5	4
8	1	0	5	4	7	9	2	6	3
7	3	5	1	6	2	4	0	8	9
9	2	8	4	0	3	1	5	7	6
5	0	4	6	7	9	2	8	3	1
1	8	2	9	3	6	5	7	4	0

**Puzzle 32**

1	6	2	3	7	0	8	5	4	9
5	9	0	4	8	2	1	7	3	6
4	2	1	5	6	7	9	0	8	3
0	3	8	7	9	6	4	2	5	1
8	1	6	0	4	9	5	3	7	2
3	5	7	9	2	1	6	4	0	8
7	8	3	2	1	5	0	6	9	4
9	4	5	6	0	8	3	1	2	7
2	0	9	1	3	4	7	8	6	5
6	7	4	8	5	3	2	9	1	0

**Puzzle 33**

3	8	4	1	6	2	7	5	9	0
9	2	5	0	7	6	3	8	1	4
0	3	1	8	5	4	6	9	7	2
7	4	9	6	2	8	0	3	5	1
5	0	8	2	3	9	1	6	4	7
6	1	7	4	9	0	8	2	3	5
2	6	3	7	8	1	5	4	0	9
1	5	0	9	4	3	2	7	6	8
4	7	2	3	0	5	9	1	8	6
8	9	6	5	1	7	4	0	2	3

**Puzzle 34**

0	6	9	3	2	8	1	4	5	7
1	5	8	4	7	9	6	0	2	3
2	9	1	7	4	3	8	6	0	5
8	3	5	6	0	1	9	2	7	4
3	7	4	2	8	6	5	1	9	0
5	1	6	0	9	2	4	7	3	8
4	2	0	1	3	5	7	9	8	6
9	8	7	5	6	4	0	3	1	2
6	0	2	9	5	7	3	8	4	1
7	4	3	8	1	0	2	5	6	9

**Puzzle 35**

3	8	7	6	0	5	1	4	9	2
2	5	9	4	1	8	6	7	3	0
4	7	3	8	5	6	9	2	0	1
1	9	6	0	2	7	3	8	5	4
9	2	5	1	6	4	7	0	8	3
8	4	0	3	7	1	5	6	2	9
7	0	1	2	8	3	4	9	6	5
5	6	4	9	3	2	0	1	7	8
0	3	2	7	4	9	8	5	1	6
6	1	8	5	9	0	2	3	4	7

**Puzzle 36**

2	7	9	5	0	8	4	1	6	3
3	6	8	1	4	9	7	5	2	0
4	0	1	6	5	3	9	8	7	2
8	9	2	7	3	0	5	6	4	1
9	8	0	4	7	2	1	3	5	6
1	2	5	3	6	4	0	7	9	8
7	1	6	8	2	5	3	4	0	9
5	3	4	0	9	6	8	2	1	7
6	5	3	9	1	7	2	0	8	4
0	4	7	2	8	1	6	9	3	5

**Puzzle 37**

6	0	9	1	7	4	8	5	2	3
5	4	2	8	3	6	9	1	7	0
7	1	0	4	8	3	6	2	5	9
3	2	5	6	9	1	7	8	0	4
8	5	1	9	2	0	4	7	3	6
0	6	7	3	4	8	5	9	1	2
2	9	4	0	5	7	3	6	8	1
1	8	3	7	6	2	0	4	9	5
9	7	6	2	0	5	1	3	4	8
4	3	8	5	1	9	2	0	6	7

**Puzzle 38**

0	5	4	8	9	3	2	6	1	7
1	7	3	6	2	4	0	9	5	8
2	6	5	1	7	9	8	3	4	0
4	0	9	3	8	1	5	7	2	6
6	2	7	5	4	8	3	1	0	9
3	8	1	9	0	2	7	4	6	5
5	9	2	4	3	7	6	0	8	1
8	1	0	7	6	5	9	2	3	4
9	4	6	2	5	0	1	8	7	3
7	3	8	0	1	6	4	5	9	2

**Puzzle 39**

7	9	8	5	1	2	4	3	0	6
6	2	3	4	0	1	9	5	7	8
5	8	7	1	2	6	3	0	9	4
3	6	9	0	4	8	2	7	5	1
9	0	4	3	5	7	8	6	1	2
8	1	2	7	6	4	0	9	3	5
2	4	0	9	7	5	6	1	8	3
1	3	5	6	8	9	7	4	2	0
4	7	1	2	3	0	5	8	6	9
0	5	6	8	9	3	1	2	4	7

**Puzzle 40**

7	8	2	6	5	0	3	9	1	4
3	1	9	0	4	8	6	7	2	5
4	3	7	5	2	1	9	8	0	6
8	6	0	1	9	3	7	5	4	2
6	5	1	2	0	4	8	3	9	7
9	4	3	7	8	2	1	6	5	0
1	9	8	4	7	5	0	2	6	3
0	2	5	3	6	7	4	1	8	9
5	0	6	8	3	9	2	4	7	1
2	7	4	9	1	6	5	0	3	8

**Puzzle 41**

7	9	4	8	1	2	0	5	6	3
3	2	0	6	5	7	1	8	4	9
0	6	5	4	8	3	9	7	2	1
1	7	9	2	3	6	5	4	8	0
8	5	2	3	0	1	6	9	7	4
9	1	6	7	4	8	3	0	5	2
4	0	3	9	7	5	8	2	1	6
6	8	1	5	2	9	4	3	0	7
2	4	8	1	9	0	7	6	3	5
5	3	7	0	6	4	2	1	9	8

**Puzzle 42**

3	7	2	1	8	6	5	0	9	4
9	6	5	0	4	2	8	7	3	1
5	4	7	9	3	1	6	8	2	0
0	1	8	6	2	3	4	9	5	7
4	2	0	7	5	8	3	6	1	9
1	3	9	8	6	4	7	5	0	2
6	5	1	2	7	9	0	3	4	8
8	9	4	3	0	7	2	1	6	5
7	0	6	4	1	5	9	2	8	3
2	8	3	5	9	0	1	4	7	6

**Puzzle 43**

2	0	4	1	9	7	8	3	5	6
8	3	5	6	7	1	2	0	9	4
3	1	7	4	6	5	0	9	2	8
9	2	8	5	0	6	7	4	3	1
1	8	0	7	2	3	4	5	6	9
5	6	9	3	4	8	1	2	0	7
0	7	1	2	3	9	6	8	4	5
4	5	6	9	8	0	3	1	7	2
7	4	3	8	5	2	9	6	1	0
6	9	2	0	1	4	5	7	8	3

**Puzzle 44**

3	2	6	8	9	1	0	5	4	7
0	1	7	4	5	9	3	2	6	8
7	8	5	2	6	4	9	1	0	3
4	0	3	9	1	2	8	7	5	6
5	3	9	0	4	8	7	6	1	2
2	6	8	1	7	5	4	3	9	0
9	7	1	5	8	3	6	0	2	4
6	4	0	3	2	7	1	9	8	5
8	9	2	6	3	0	5	4	7	1
1	5	4	7	0	6	2	8	3	9

**Puzzle 45**

0	6	5	3	1	2	7	9	8	4
7	2	4	8	9	6	5	1	3	0
6	3	8	2	4	9	0	5	7	1
9	0	1	5	7	3	6	8	4	2
4	7	9	0	5	8	1	6	2	3
8	1	3	6	2	4	9	0	5	7
5	4	7	9	0	1	3	2	6	8
3	8	2	1	6	5	4	7	0	9
2	9	6	7	3	0	8	4	1	5
1	5	0	4	8	7	2	3	9	6

**Puzzle 46**

7	4	6	9	5	2	1	0	8	3
3	8	1	0	2	4	9	5	7	6
1	2	9	8	0	6	5	3	4	7
5	6	3	4	7	1	2	8	9	0
9	3	5	2	6	0	8	7	1	4
0	1	8	7	4	9	3	6	5	2
4	7	0	3	8	5	6	9	2	1
6	5	2	1	9	7	0	4	3	8
2	9	7	6	3	8	4	1	0	5
8	0	4	5	1	3	7	2	6	9

**Puzzle 47**

6	3	0	5	1	9	8	2	7	4
7	2	9	8	4	0	3	5	6	1
8	6	1	0	2	7	5	4	3	9
4	5	3	7	9	2	6	8	1	0
0	9	4	1	3	5	7	6	8	2
2	7	5	6	8	1	4	9	0	3
5	4	8	9	0	3	1	7	2	6
3	1	7	2	6	4	9	0	5	8
9	8	2	3	5	6	0	1	4	7
1	0	6	4	7	8	2	3	9	5

**Puzzle 48**

9	8	6	5	2	4	3	1	7	0
4	7	0	1	3	6	2	9	8	5
2	5	9	4	1	3	7	8	0	6
8	6	3	7	0	9	1	5	4	2
3	0	7	2	8	1	5	6	9	4
5	4	1	6	9	7	0	3	2	8
6	9	5	3	4	2	8	0	1	7
0	1	2	8	7	5	6	4	3	9
7	3	4	0	6	8	9	2	5	1
1	2	8	9	5	0	4	7	6	3

**Puzzle 49**

0	4	1	7	5	6	8	9	3	2
9	8	2	3	6	0	5	1	4	7
3	5	9	8	7	4	2	6	0	1
2	1	6	0	4	3	7	8	9	5
6	9	7	4	1	5	0	3	2	8
8	2	0	5	3	7	6	4	1	9
4	6	5	1	0	8	9	2	7	3
7	3	8	9	2	1	4	5	6	0
1	7	4	2	8	9	3	0	5	6
5	0	3	6	9	2	1	7	8	4

**Puzzle 50**

9	1	6	0	7	5	3	4	2	8
3	2	8	4	5	1	9	6	7	0
6	0	5	2	1	3	4	8	9	7
7	9	4	3	8	0	6	2	5	1
1	6	2	5	9	7	8	3	0	4
4	7	3	8	0	6	2	9	1	5
5	8	9	7	3	4	1	0	6	2
2	4	0	1	6	9	5	7	8	3
8	5	7	6	4	2	0	1	3	9
0	3	1	9	2	8	7	5	4	6

**Puzzle 51**

3	7	0	4	5	8	1	6	2	9
1	8	2	9	6	4	3	7	5	0
6	5	1	7	4	3	2	0	9	8
2	9	8	0	3	6	7	1	4	5
9	3	5	6	8	0	4	2	7	1
7	0	4	1	2	5	9	8	6	3
5	2	7	3	9	1	0	4	8	6
0	4	6	8	1	7	5	9	3	2
8	1	9	5	7	2	6	3	0	4
4	6	3	2	0	9	8	5	1	7

**Puzzle 52**

1	4	0	9	8	3	6	5	2	7
3	6	7	2	5	9	4	0	1	8
8	3	5	4	2	1	7	9	6	0
0	7	6	1	9	5	2	3	8	4
5	2	3	6	7	8	9	4	0	1
9	1	4	8	0	2	3	7	5	6
2	8	1	7	3	0	5	6	4	9
4	5	9	0	6	7	8	1	3	2
6	9	8	3	1	4	0	2	7	5
7	0	2	5	4	6	1	8	9	3

**Puzzle 53**

9	5	2	0	8	6	4	3	1	7
6	7	4	1	3	5	0	2	8	9
1	8	3	6	9	2	7	4	5	0
0	2	7	5	4	9	8	6	3	1
4	1	0	3	7	8	9	5	6	2
8	9	5	2	6	4	1	0	7	3
7	3	6	8	0	1	2	9	4	5
2	4	1	9	5	7	3	8	0	6
5	0	9	4	1	3	6	7	2	8
3	6	8	7	2	0	5	1	9	4

**Puzzle 54**

0	3	1	4	5	9	2	6	7	8
2	9	7	8	6	0	1	3	4	5
7	0	5	3	2	4	8	9	1	6
1	4	6	9	8	3	5	7	0	2
6	5	3	7	0	1	4	2	8	9
8	1	9	2	4	5	6	0	3	7
3	6	8	1	9	2	7	4	5	0
5	2	4	0	7	8	9	1	6	3
9	8	0	6	1	7	3	5	2	4
4	7	2	5	3	6	0	8	9	1

**Puzzle 55**

2	6	9	4	8	7	5	0	3	1
7	5	0	1	3	9	2	8	4	6
9	8	4	3	6	2	0	1	7	5
0	1	2	5	7	4	8	6	9	3
1	4	7	9	0	3	6	5	2	8
8	3	6	2	5	1	7	9	0	4
3	0	8	7	9	6	1	4	5	2
4	2	5	6	1	0	3	7	8	9
6	7	3	8	4	5	9	2	1	0
5	9	1	0	2	8	4	3	6	7

**Puzzle 56**

7	6	1	3	8	0	4	2	9	5
9	0	4	2	5	6	7	3	8	1
4	7	6	9	3	2	1	5	0	8
1	2	5	8	0	4	3	9	6	7
6	3	2	7	9	8	5	1	4	0
5	4	8	0	1	3	6	7	2	9
8	5	3	4	2	7	9	0	1	6
0	9	7	1	6	5	2	8	3	4
3	1	0	5	4	9	8	6	7	2
2	8	9	6	7	1	0	4	5	3

**Puzzle 57**

9	3	8	2	1	0	6	4	5	7
7	4	5	0	6	1	9	2	8	3
2	8	3	9	7	5	4	1	0	6
6	0	1	4	5	8	3	9	7	2
0	7	6	5	9	4	8	3	2	1
8	1	4	3	2	7	0	5	6	9
3	5	9	7	0	2	1	6	4	8
1	6	2	8	4	9	5	7	3	0
5	2	0	1	3	6	7	8	9	4
4	9	7	6	8	3	2	0	1	5

**Puzzle 58**

3	7	4	0	8	2	5	1	9	6
9	1	2	6	5	4	0	7	8	3
5	0	3	1	7	9	8	6	2	4
2	4	9	8	6	5	1	3	7	0
0	2	1	5	4	8	6	9	3	7
7	8	6	3	9	0	4	2	5	1
4	6	5	7	2	1	3	8	0	9
1	3	8	9	0	7	2	4	6	5
6	5	7	2	1	3	9	0	4	8
8	9	0	4	3	6	7	5	1	2

**Puzzle 59**

8	6	4	2	5	0	3	7	1	9
0	7	1	3	9	8	4	6	5	2
3	9	2	8	1	6	7	5	4	0
7	4	6	5	0	2	1	3	9	8
9	8	5	4	6	3	0	1	2	7
2	1	3	0	7	5	8	9	6	4
1	5	0	9	8	4	6	2	7	3
4	2	7	6	3	9	5	0	8	1
6	0	8	1	2	7	9	4	3	5
5	3	9	7	4	1	2	8	0	6

**Puzzle 60**

3	8	1	6	9	4	2	7	0	5
7	0	5	2	4	8	3	1	6	9
1	2	6	4	8	0	7	5	9	3
0	3	7	9	5	6	4	2	1	8
8	4	3	5	1	7	9	0	2	6
9	6	2	7	0	3	5	8	4	1
6	7	0	1	3	2	8	9	5	4
4	5	9	8	2	1	6	3	7	0
5	1	4	3	7	9	0	6	8	2
2	9	8	0	6	5	1	4	3	7

**Puzzle 61**

3	2	7	9	5	0	1	4	6	8
8	4	1	0	6	3	9	7	2	5
2	8	3	7	1	5	6	0	4	9
6	5	9	4	0	1	7	8	3	2
5	0	4	2	7	6	8	1	9	3
1	9	8	6	3	2	0	5	7	4
0	6	2	1	9	8	4	3	5	7
7	3	5	8	4	9	2	6	0	1
4	1	0	5	2	7	3	9	8	6
9	7	6	3	8	4	5	2	1	0

**Puzzle 62**

5	8	3	1	2	6	9	7	0	4
9	4	6	0	7	8	2	1	3	5
3	7	5	9	8	0	1	4	6	2
0	2	1	4	6	3	7	5	9	8
7	9	0	6	4	1	5	8	2	3
8	1	2	3	5	7	0	6	4	9
2	6	7	5	0	9	4	3	8	1
1	3	4	8	9	2	6	0	5	7
4	0	8	2	1	5	3	9	7	6
6	5	9	7	3	4	8	2	1	0

**Puzzle 63**

7	6	1	3	8	4	2	5	0	9
2	4	9	0	5	3	1	6	7	8
5	9	2	1	6	0	8	7	4	3
8	3	4	7	0	9	5	1	2	6
6	7	8	5	3	1	0	2	9	4
9	1	0	2	4	6	7	3	8	5
3	0	6	8	7	5	4	9	1	2
1	2	5	4	9	8	3	0	6	7
4	5	7	9	1	2	6	8	3	0
0	8	3	6	2	7	9	4	5	1

**Puzzle 64**

8	0	5	4	3	7	6	2	9	1
2	1	9	6	7	0	3	4	5	8
6	7	8	5	4	9	2	1	3	0
1	2	0	3	9	4	5	8	6	7
3	4	7	1	2	6	9	0	8	5
9	5	6	0	8	3	1	7	2	4
5	8	3	7	1	2	4	9	0	6
0	9	4	2	6	8	7	5	1	3
4	6	1	9	0	5	8	3	7	2
7	3	2	8	5	1	0	6	4	9

**Puzzle 65**

6	8	1	5	7	9	4	2	0	3
9	0	3	2	4	8	6	5	1	7
4	2	9	3	1	6	5	0	7	8
7	5	0	8	6	4	3	1	2	9
5	9	8	1	0	7	2	3	4	6
2	4	7	6	3	5	0	8	9	1
8	3	4	7	2	1	9	6	5	0
0	1	6	9	5	3	7	4	8	2
1	6	5	0	9	2	8	7	3	4
3	7	2	4	8	0	1	9	6	5

**Puzzle 66**

6	2	4	3	5	8	7	9	0	1
0	8	1	7	9	3	5	6	2	4
9	6	7	8	2	4	0	1	3	5
5	3	0	1	4	6	2	7	9	8
7	5	3	9	6	1	8	2	4	0
1	4	8	2	0	9	3	5	6	7
3	0	9	6	7	5	1	4	8	2
4	1	2	5	8	0	6	3	7	9
8	7	5	4	3	2	9	0	1	6
2	9	6	0	1	7	4	8	5	3

**Puzzle 67**

4	6	1	8	3	7	2	9	5	0
5	2	0	7	9	6	1	4	8	3
9	8	3	2	4	0	5	1	7	6
7	5	6	1	0	3	4	8	2	9
2	9	5	4	6	1	8	3	0	7
1	3	7	0	8	9	6	2	4	5
8	0	9	5	7	2	3	6	1	4
3	1	4	6	2	5	7	0	9	8
6	4	2	9	5	8	0	7	3	1
0	7	8	3	1	4	9	5	6	2

**Puzzle 68**

1	7	3	9	6	2	0	8	4	5
4	5	2	8	0	7	3	9	6	1
5	0	8	1	3	6	4	7	2	9
2	9	6	7	4	1	8	5	0	3
3	8	1	5	2	0	9	4	7	6
9	4	0	6	7	8	5	3	1	2
0	1	4	2	5	9	7	6	3	8
8	6	7	3	9	4	1	2	5	0
6	3	9	4	1	5	2	0	8	7
7	2	5	0	8	3	6	1	9	4

**Puzzle 69**

2	5	0	4	3	6	7	8	9	1
7	9	6	8	1	5	4	2	3	0
8	2	4	9	5	0	1	3	7	6
6	7	1	3	0	4	9	5	2	8
1	6	5	2	4	3	0	9	8	7
0	3	9	7	8	1	6	4	5	2
9	8	2	0	6	7	5	1	4	3
4	1	3	5	7	2	8	6	0	9
3	4	7	6	9	8	2	0	1	5
5	0	8	1	2	9	3	7	6	4

**Puzzle 70**

4	0	3	2	8	7	9	6	5	1
7	6	1	9	5	0	2	3	4	8
9	3	4	7	1	6	5	8	0	2
0	5	2	8	6	1	3	4	9	7
1	8	0	4	9	2	6	5	7	3
6	2	5	3	7	4	1	9	8	0
3	9	7	5	0	8	4	2	1	6
2	1	8	6	4	9	0	7	3	5
5	7	9	1	2	3	8	0	6	4
8	4	6	0	3	5	7	1	2	9

**Puzzle 71**

1	2	0	6	7	4	5	3	8	9
4	8	3	5	9	1	7	0	6	2
8	7	1	9	2	0	6	4	5	3
5	0	4	3	6	2	8	1	9	7
9	3	6	0	8	7	4	2	1	5
2	4	5	7	1	3	9	8	0	6
0	6	9	1	4	5	2	7	3	8
7	5	8	2	3	6	0	9	4	1
3	9	2	4	5	8	1	6	7	0
6	1	7	8	0	9	3	5	2	4

**Puzzle 72**

7	4	0	3	1	8	5	9	6	2
2	8	5	6	9	4	1	0	7	3
0	1	6	7	5	2	9	3	8	4
8	9	3	4	2	7	0	6	5	1
9	7	4	0	6	5	3	2	1	8
5	3	1	2	8	9	6	4	0	7
6	0	8	1	4	3	2	7	9	5
3	5	2	9	7	0	8	1	4	6
4	6	9	8	3	1	7	5	2	0
1	2	7	5	0	6	4	8	3	9

**Puzzle 73**

3	1	0	6	4	2	7	9	5	8
2	8	5	9	7	6	0	4	3	1
0	3	1	5	9	4	6	8	7	2
4	7	2	8	6	3	1	5	0	9
9	6	7	2	0	1	4	3	8	5
1	4	8	3	5	7	9	0	2	6
5	0	6	4	2	8	3	1	9	7
8	9	3	7	1	5	2	6	4	0
6	2	4	0	8	9	5	7	1	3
7	5	9	1	3	0	8	2	6	4

**Puzzle 74**

2	7	0	4	3	8	6	9	5	1
5	1	8	6	9	0	7	2	3	4
9	6	3	7	5	2	1	4	8	0
1	2	4	8	0	7	9	5	6	3
7	4	5	1	6	9	8	3	0	2
0	8	9	3	2	4	5	6	1	7
4	5	6	0	7	1	3	8	2	9
8	3	2	9	1	6	0	7	4	5
3	0	7	2	8	5	4	1	9	6
6	9	1	5	4	3	2	0	7	8

**Puzzle 75**

6	1	0	2	3	5	4	9	7	8
5	9	8	7	4	0	6	1	2	3
1	4	3	0	7	2	5	8	6	9
8	6	9	5	2	7	3	0	1	4
3	7	1	6	0	4	9	5	8	2
4	5	2	8	9	1	7	6	3	0
9	0	7	4	1	3	8	2	5	6
2	8	6	3	5	9	1	4	0	7
7	2	5	9	8	6	0	3	4	1
0	3	4	1	6	8	2	7	9	5



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